

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

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PRODUCTS, INC. is prohibited.

MATERIAL SAFETY DATA SHEET

Foam Lab
Rod Cutting Room

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME OAKITE PRODUCTS, INC.		EMERGENCY TELEPHONE NO. 201-464-6900
ADDRESS (Number, Street, City, State, and ZIP Code) 50 Valley Road, Berkeley Heights, New Jersey 07922		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS Oakite Deoxidizer SS
CHEMICAL FAMILY Acid	FORMULA Proprietary	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Nitric acid				25	2 PPM
Hydrofluoric acid				5	3 PPM

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	Unknown	SPECIFIC GRAVITY (H ₂ O=1) @ 68°F.	1.194
VAPOR PRESSURE (mm Hg.)	Unknown	PERCENT VOLATILE BY VOLUME (%)	Negligible
VAPOR DENSITY (AIR=1)	Unknown	EVAPORATION RATE (butyl acetate=1)	Negligible
SOLUBILITY IN WATER	Complete	pH @ 5% to full strength	<1
APPEARANCE AND ODOR Colorless liquid; pungent, acrid odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) None	FLAMMABLE LIMITS N/A	LeI	UeI
EXTINGUISHING MEDIA Will not burn or support combustion.			
SPECIAL FIRE FIGHTING PROCEDURES If necessary, use water spray carefully; may generate fumes. Firemen should be provided with special protective clothing including self-contained breathing apparatus.			
UNUSUAL FIRE AND EXPLOSION HAZARDS May react violently on contact with powerful reducing agents. May generate hydrogen in contact with some metals. If sealed in glass containers, may explode. May react with combustible, readily oxidizable or organic materials.			

PAGE (1)

27-AA-3A

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2/1/82

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This data pertains to undiluted
product, not dilutions of product

N/A = Not Applicable

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Mixture: unknown. See Section II.

EFFECTS OF OVEREXPOSURE

Direct contact with liquid or vapor causes severe eye and skin burns that may or may not be immediately painful or visible. Inhalation of vapor or fumes can cause damage to nasal and respiratory passages.

EMERGENCY AND FIRST AID PROCEDURES

See attached sheet.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

Direct sunlight and heat.

STABLE

X

INCOMPATIBILITY (Materials to avoid) Combustible, organic or readily oxidizable materials; strong alkaline materials; chlorine-releasing materials; glass and cement.

HAZARDOUS DECOMPOSITION PRODUCTS

May emit fumes of oxides of nitrogen, nitrogen compounds, hydrogen fluoride & acid fumes.

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

N/A

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Depending on size of spill or leak, clean up personnel should wear full protective clothing and self-contained breathing apparatus. Large spills or leaks should be contained with a non-combustible absorbent such as vermiculite, dry sand or earth. Cover contaminated area with sodium bicarbonate or a soda ash/slaked lime slurry. Dispose of all materials by appropriate waste disposal method.

WASTE DISPOSAL METHOD

Use method acceptable to federal, state and local authorities for disposing of solutions containing fluorides and nitrates. Fluorides may be precipitated out by using Dispoz Aid 2. Allow to settle. Remove sludge and haul away. Neutralize, dilute and discharge remaining solution.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Not applicable under normal use conditions.

VENTILATION

LOCAL EXHAUST

Provide adequate ventilation to maintain

SPECIAL

below TLV(s).

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES Neoprene, polyvinyl chloride or other impervious material.

EYE PROTECTION

Safety goggles.

OTHER PROTECTIVE EQUIPMENT

Apron, sleeves, and/or other suitable protective clothing; face shield.

Recommend eye wash and safety shower near use area.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing mist. Always add product to water; do not add water to product. Store away from oxidizable materials or reducing agents and chlorine-releasing materials.

OTHER PRECAUTIONS

Store at moderate temperatures out of sunlight and away from heat. Before opening, relieve any pressure build-up in drum by loosening closure slowly. Keep container closed when not in use. Avoid contact with glass, ceramic or concrete. If contact is made, rinse surface promptly and thoroughly with water.